TECHNICAL DATA SHEET

CLEAR-SEAL™ High & Low Gloss Acrylic Urethane Sealer

Product Description

Rainguard *CLEAR-SEAL* Acrylic Urethane Sealer is a single-component, self-cross-linking urethane/acrylic sealer and finish coat for decorative concrete, stone, and other masonry surfaces. *CLEAR-SEAL*, a water-based, low-VOC, low-odor coating can protect your masonry against chemical spills and staining agents, UV light, and wear due to heavy foot and tire traffic.

CLEAR-SEAL is formulated for use on horizontal or vertical painted or unpainted concrete and wood surfaces. It may be used as a clear sealer on commercial, warehouse, or industrial floors, residential or commercial garage spaces, brick pavers, or other masonry surfaces.

Product Features

- Impact and wear resistant
- Resists hot tire pick-up
- Non-yellowing formulation
- Resistant to stains, acids, bases, gasoline, alcohol and oil (vegetable and motor)
- Low odor
- Non-hazardous
- Resists UV rays
- Environmentally-friendly
- Water clean-up
- Excellent adhesion
- Fast dry time and cure time
- No pot-life issues – one component self-cross-linking system

Warranty Period: Five Years
CSI Reference: Divisions 7 & 9
HG= High Gloss **LG= Low Gloss**

Part Numbers	USA	International
1 Gallon- HG	CU-0101	CU-0101-CA
5 Gallon- HG	CU-0105	CU-0105-CA
1 Gallon- LG	CU-0201	CU-0201-CA
5 Gallon– LG	CU-0205	CU-0205-CA

Recommended Uses:

- Brick
- Concrete
- EFIS or cement plaster
- Masonry block
- Stucco
- Wood
- Clear protection on murals or painted vertical surfaces
- Clear sealer for painted or unpainted surfaces
- Repellent of oil, gas, and other fluids

Coverage Rates (Theoretical):

Substrate	Sq Ft/ Gallon
Porous Surfaces	200-300
Dense Surfaces	300-400

Special Considerations:

- *The coverage will vary with the porosity of the substrate. If the substrate is very porous, coverage will be reduced*
- *Use of fluted or scored block or raked joints will increase surface areas by 20%-30% or more and decrease coverage rates. Allow for this increased surface area when determining material requirements.*
- *Extremely porous surfaces may require multiple coats.*

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How To Use & Precautions:

All surfaces to be coated should be clean of any dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar, and mold and mildew, etc. All cracks should be pointed or caulked. All voids, bee holes, masonry surface defects and openings, such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints, or any dissimilar materials should be repaired using urethane or other approved patching.

If an acid etch or an acid stain has been applied to the surface, it must be thoroughly flushed to remove all residue and then allowed to dry completely.

Allow new concrete to cure at least 14 days before application of *CLEAR-SEAL* Acrylic Urethane Sealer.

Follow These Simple Steps:

1. *CLEAR-SEAL* Acrylic Urethane Sealer should be applied using either brush, t-bar, lamb's wool applicator, or most pump-up sprayers. We do not recommend using a roller to apply, as this may allow too much air, causing bubbles to stay in the film.
2. At time of application, moisture content of all surfaces should be 30% or less as measured with an electronic moisture meter.
3. Establish that air, surface and material temperatures are above 40°F (4.4°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 40°F or when temperatures are ex-pected to drop below 40°F within 48 hours of application. Do not apply if rain, snow, or lower temperatures are expected within 48 hours. Do not apply if relative humidity is greater than 80%.
4. Allow at least 1 hour or until tack-free before applying a second coat.
5. Wait 24 hours before opening up to light to moderate traffic, and 72 hours before heavy traffic,

Test Panel

Always apply material to a mock wall or test panel. Test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.

Technical Data:

Material Type	Water based urethane
Volume Solids	31%
Color of Material	Off-white emulsion in can
Odor	Mild
V.O.C.	<50 g/L V.O.C. Compliant
Gloss Level	20 - 25 @ 60°
Flash Point	Non-Flammable
pH Value	7.5 - 8.5
Viscosity	<200 cps
Weight	Approximately 8.6 lbs./gal.
Surface Dry/Recoat	Approx 1 Hour
Full Chemical Cure	24 to 72 hours

Limited Warranty Procedures/Information

The information contained herein is offered in good faith and is believed to be accurate. To be eligible for a Rainguard Warranty the following must occur:

1. A site visit must be conducted by an employee or agent of Rainguard and a Field Inspection Report completed.
2. A Warranty Application must be fully completed by the applicator.
3. Field Inspection Report, Warranty Application, and a copy of the distributor's invoice must be submitted to and approved by Rainguard.

This material is only warranted when applied in accordance with the manufacturer's guidelines and warranty procedures. Without adherence to these specific guidelines, no expressed or implied warranty of this product is given. Please contact Rainguard for additional information.

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